WHAT IS CLAIMED IS:

1. Isolated nucleic acid comprising DNA having at least an 80% sequence identity to (a) a DNA molecule encoding a PRO615 polypeptide comprising the sequence of amino acid residues 1 to 224 of Figure 2 (SEQ ID NO:3), or (b) the complement of the DNA molecule of (a).

2. The nucleic acid of Claim 1, wherein said DNA comprises the nucleotide sequence of SEQ ID NO:1 or its complement.

3. The nucleic acid of Claim 1, wherein said DNA comprises nucleotides 51-722 of the nucleotide sequence of SEQ ID NO:1 (SEQ ID NO:2).

4. Isolated nucleic acid comprising DNA having at least an 80% sequence identity to (a) a DNA molecule encoding the same mature polypeptide encoded by the human protein cDNA in ATCC Deposit No. _____ (DNA48304-1323), or (b) the complement of the DNA molecule of (a).

5. The nucleic acid of Claim 4 which comprises a DNA molecule encoding the same mature polypeptide encoded by the human protein cDNA in ATCC Deposit No. (DNA48304-1323).

6. Isolated nucleic acid comprising DNA having at least an 80% sequence identity to (a) a DNA molecule encoding a PRO615 polypeptide comprising the sequence of amino acid residues from about X to 224 of Figure 2 (SEQ ID NO:3), or (b) the complement of the DNA molecule of (a), wherein X is any one of amino acid residues 157 to 166 of Figure 2 (SEQ ID NO:3).

7. A vector comprising the nucleic acid of any one of Claims 1 to 6.

8. The vector of Claim 7 operably linked to control sequences recognized by a host cell transformed with the vector.

9. A host cell comprising the vector of Claim 7.

10. The host cell of Claim 9, wherein said cell is a CHO cell.

11. The host cell of Claim 9, wherein said cell is an *E. coli*.

12. The host cell of Claim 9, wherein said cell is a yeast cell.

13. A process for producing a PRO615 polypeptide comprising culturing the host cell of Claim 9 under conditions suitable for expression of said PRO615 polypeptide and recovering said PRO615 polypeptide from the cell culture.

14. Isolated native sequence PRO615 polypeptide comprising amino acid residues 1 to 224 of Figure 2 (SEQ ID NO:3).

15. Isolated PRO615 polypeptide comprising amino acid X to 224 of Figure 2 (SEQ ID NO:3), where X is any amino acid from 157 to 166 of Figure 2 (SEQ ID NO:3).

16. Isolated PRO615 polypeptide encoded by the cDNA insert of the vector deposited as ATCC Accession No. ____ (DNA48304-1323).

17. A chimeric molecule comprising a PRO615 polypeptide fused to a heterologous amino acid sequence.

18. The chimeric molecule of Claim 17, wherein said heterologous amino acid sequence is an epitope tag sequence.

19. The chimeric molecule of Claim 17, wherein said heterologous amino acid sequence is a Fc region of an immunoglobulin.

20. An antibody which specifically binds to a PRO615 polypeptide.

21. The antibody of Claim 20, wherein said antibody is a monoclonal antibody.